

## ABSTRACT OF THE DISCLOSURE

5 A binocular viewing system provides images from  
electronic display elements to the left and right eyes of  
a user transmitted via right eye and left eye display  
assemblies connected by a nose bridging element. The  
binocular viewing system includes an interpupillary  
distance adjustment mechanism to accommodate multiple  
users. Accommodation for vision correction and a focus  
10 mechanism may also be provided. Also, the binocular  
viewing system provides a virtual image at a distance less  
than infinity, in an arrangement that also accommodates a  
range of interpupillary distances. In other aspects, the  
binocular viewing system incorporates face curvature to  
15 more comfortably fit a user's head, and places the  
electronic display elements close to the user's eye,  
either in the line of sight, or within the nose bridging  
element.

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